Work Orde Monday, August												Page 1	
Revision ID:	D3946-1 Panel, Center P	Post - /	20 Hi	Accept						Start Stop			
	8/30/2010	Start Qty: 1.00 Req'd Qty: 1.00			Cust Item l Customer:	ID:					1 188111 9 1 61		
Approvals:	Process Plan	n:	Date://5-8-30	Tooling: SPC (Y/N):		ate:				Start Stop	!		
Sequence ID/ Work Center II		Operation Description		Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	t Rejec		Reject Number	Insp. Stamp	
Draw Nbr	Revi	sion Nbr											
D3946	Α												
100 HandThermo		HAND FINISHING T	HERMOFORMING	0.00				(x3)				BB 14/19/	/
Hand Finishing Ther	rmoforming	Memo Cut Blani	ks to fit frame size	0.00									
105		Dry Material		0.00									
HandThermo		Memo		0.00									
Hand Finishing Ther	moforming	Temp: Time IN:	t as per 05/022 POLYCAR 130 10/00 17:7:00 10/0	5							(B 10/1	Ć

BB 10/10/06

Dart Aerospace Ltd

W/O:			WORK ORDER CHANGES										
DATE	STEP		PROC	CEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector			
Part No):	<u> </u>	PAR #:	_ Fault Category:	NC	R: Yes	No DQ	A:	_ Date: _				
	F	Resolution:		Disposition:	QA	N/C C	losed:		Date:				

NCR:		WORK ORDER NON-CONFORMANCE (NCR)											
		Description of NC		Corrective Action Section E	Verification	Approval	Approval						
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	QC Inspector					
		·											
													
							<u> </u>						
.>. #													

Work Order ID 61581

Monday, August 30, 2010 12:44:44 PM



Page 2

Item ID:

D3946-1

Accept

Setup Start

Revision ID:

Item Name:

Required Date: 9/6/2010

Panel, Center Post

Start Date:

8/30/2010

Start Qty: 1.00

Req'd Qty: 1.00

Cust Item ID: Customer:

Tool ID

Reference:

Approvals:

Process Plan: _____ Date:

Date:_____

Tooling:

SPC (Y/N):

Date: Date:

Tool # Plan

Code

Start Run

Reject

Qty

Stop

Reject

Number

Stop

Insp.

Stamp

Sequence ID/ **Work Center ID**

110

Thermoforming Machine

Thermoform

Operation Description Set Up/ **Run Hours**

0.00

THERMOFORMING MACHINE

Memo

0.00

1-Machine Set-up 2-Pre-heat tool

3-Thermoform as per Dwg. D3646-1and Folio FTA 043 using tool DT9483 \(\square\$

Dwg. Rev.

Folio Rev.

Accept

Qty

120

Quality Control

QC2- Inspect parts off machine FAI/FAIB

0.00

Memo

0.00

Visually inspect for proper formation of each part

BB rolusta.
BB rolusta.

130

QC

QC8- Inspect parts - second check

0.00

Memo

Quality Control

0.00

Dart Aerospace Ltd

W/O:	-			WORK ORDER CHANGES								
DATE	STEP		PRO	CEDURE CHANGE		Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
						ļ						
	<u> </u>											
Part No) :		PAR #:	Fault Category:	NCI	R: Yes	No DQ	A :	Date:			
	R	Resolution:		Disposition:	QA	N/C C	Closed:		Date: _			

NCR:		WORK ORDER NON-CONFORMANCE (NCR)											
		Description of NC		Corrective Action Section B	Verification	Ammroval	Approval						
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Approval Chief Eng	QC Inspector					
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Work Order ID 61581

Monday, August 30, 2010 12:44:44 PM



Page 3

Item ID:

D3946-1

Accept



Setup Start

Stop



Revision ID:

Item Name:

Panel, Center Post

Start Date: 8/30/2010

Start Qty: 1.00

Required Date: 9/6/2010

Req'd Qty: 1.00



Cust Item ID: Customer:

Reference:

Approvals:

Process Plan:

Operation

Description

Date:

Tooling:

SPC (Y/N):

Run Hours

Date: Date: Run

Qty

Start

Stop



Sequence ID/

Work Center ID

140

Thermoform

HAND FINISHING THERMOFORMING

Memo

0.00

0.00

Thermoforming Machine

Trim to Finished Dimensions as per dwg D3946-1

Date:

Set Up/ Tool ID

Tool # Plan

Code

Accept Qty

Reject Reject Number

Insp. Stamp

150

Quality Control

QC2- Inspect parts off machine FAI/FAIB

0.00

Memo

0.00

Check dimensions to ensure conformity to drawing tolerances.

QC5- Inspect part completeness to step on W/O

160

Quality Control

Memo

Dart Ae	Dart Aerospace Ltd										
W/O:			WORK ORDER (CHANGES							
DATE	STEP	PR	PROCEDURE CHANGE			Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector		
						44	1				
Part Na		DAD #-	Fault Catanamy	NOD	V	No DO	<u></u>	Dete			
Part No	•	PAR #:	Fault Category:	NCH:	res	NO DQ	A:	Date: _			
	Resolution:		Disposition:	QA: N	NC C	losed:		Date: _			

NCR:		WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B	Verification	Approval	Annroval			
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspector		

Work Order ID 61581

Monday, August 30, 2010 12:44:44 PM



Page 4

Item ID:

D3946-1

Accept

Setup Start

Stop



Revision ID:

Panel, Center Post Item Name:

8/30/2010

Start Qty: 1.00

Req'd Qty: 1.00 Required Date: 9/6/2010

Cust Item ID: Customer:

Reference:

Start Date:

Approvals:

QC:

Process Plan: Date:

Date:

Tooling:

SPC (Y/N):

Date:

Date:

Start Run

Stop

Sequence ID/ Work Center ID

170

Packaging

Packaging

180

Operation Description

Identify as per dwg & Stock Location:

Memo

Set Up/ Run Hours

0.00

0.00

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Number

Insp. Stamp

0.00

OC

Quality Control

QC21- Final Inspection - Work Order Release

Memo

0.00

10 10/06 95 -mor

Dart Ae	rospace	Ltd							¢- • •
W/O:			WC	ORK ORDER CHANGE	S				
DATE	STEP	PRO	PROCEDURE CHANGE						Approval QC Inspector
Part No	:	PAR #:	Fault Cate	gory:	NCR: Yes	No DQ	A:	Date: _	
	Re	esolution:	Disposition	n:	QA: N/C CI	osed:		Date: _	
NCR:		,	WORK ORDI	ER NON-CONFORMAN	NCE (NCF	1)			
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section Action Description Chief Eng	Sign &	1 Section C		Approval Chief Eng	Approval QC Inspector
			Sillor Ling	olilo Elig					

Picklist Print

Monday, August 30, 2010 12:44:49 PM

Work Order ID: 61581

Parent Item: D3946-1

Parent Item Name: Panel, Center Post

Start Date: 8/30/2010

Required Date: 9/6/2010

Page 1

Start Qty: 1.00

Required Qty: 1.00

Comments:

IPP RevA: New issue DD verified by:EC Add Step 105 Dry Material 10/04/21 DL

IPP Rev B

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
MLEXS.093-F6006-07		Purchased	No			100	sf	1,865.801	3.305	3.478947			
										01170717			

GE PLASTICS LEXAN SHEET

Location	Loc Qty	Loc Code		
therm	1865.801			
107574	6.46			
2111973	27.395		(X3)	‡
112176	101.2267			i
114459	1730 7193			()

Dart Aerospace Ltd

W/O:		WORK ORDER CHANGES	WORK ORDER CHANGES											
DATE	STEP	PROCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector							
	,					Data								

Part No:	PAR #:	Fault Category:	NCR: Yes No DQA:	Date:
Res	solution:	Disposition:	QA: N/C Closed:	Date:
NCD.	V	ORK ORDER NON-CONFORMA	NCE (NCR)	

NCR:		WORK STIDER NON-SOM STIMANSE (NOT)								
		Description of NC		Corrective Action Section B			Approval	Approval		
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Verification Section C	Chief Eng	QC Inspector		
								:		
								l.		

DART AEROSPA	CE LTD			Wo	rk Order:	61581
Description: Panel, (Center Post			Pa	rt Number:	D3946-1
Inspection Dwg: D39	946 Rev : A					Page 1 of 1
	FIRST A	RTICLE INSF First Article HERMOFORM		Prototyp		,
Description	·		Accept	Reject	Method of Inspection	Comments
Inside Radii less than	33		-			
Shape Definition						
Texture Retention			V			
Material imperfections scratching	s such as bumps,	cracks, voids,	_			
	2					
Measured by:	Dh				Date:	10/10/06
		TRIMMING	SECTIO	N		<i>v</i> /
Drawing	Tolerance	Actual	Accept	Reject	Method of Inspection	Comments
Dimension	REF	Dimension				
39.25 1.25	REF	39.25"		-		
3.2	REF	7 22				
0.070	Min	0.072"	<u> </u>			
Magazired by					Date	10/10/10
Measured by					Date:	10/10/04
Measured by Audited by	#B	/A				10/10/06. 10/10/06.

Dart Ae	rospace l	Ltd							
W/O:			W	ORK ORDER CHANG	ES				
DATE	STEP			ANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No	•	PAR #:	Fault Cat	redory.	NCR: Yes	No DO	Δ.	Date:	
1 411 140		solution:							
NCR:			WORK ORI	DER NON-CONFORM	ANCE (NC	R)			
DATE	STEP	Description of NC	Corrective Action Initial Action Descrip		ion B Sign	9.	cation ion C	Approval Chief Eng	Approval QC Inspector
		Section A	Chief Eng	Chief Eng	Date		ion C	Criter Eng	QC Inspector

SHOP COPY RETURN TO ENGINEERING UNCONTROLLED COPY SUBJECT TO AMUNDMENT WITHOUT NOTICE WORK ORDER NO. 6/5-8/

D3946-1 PANEL, CENTER POST

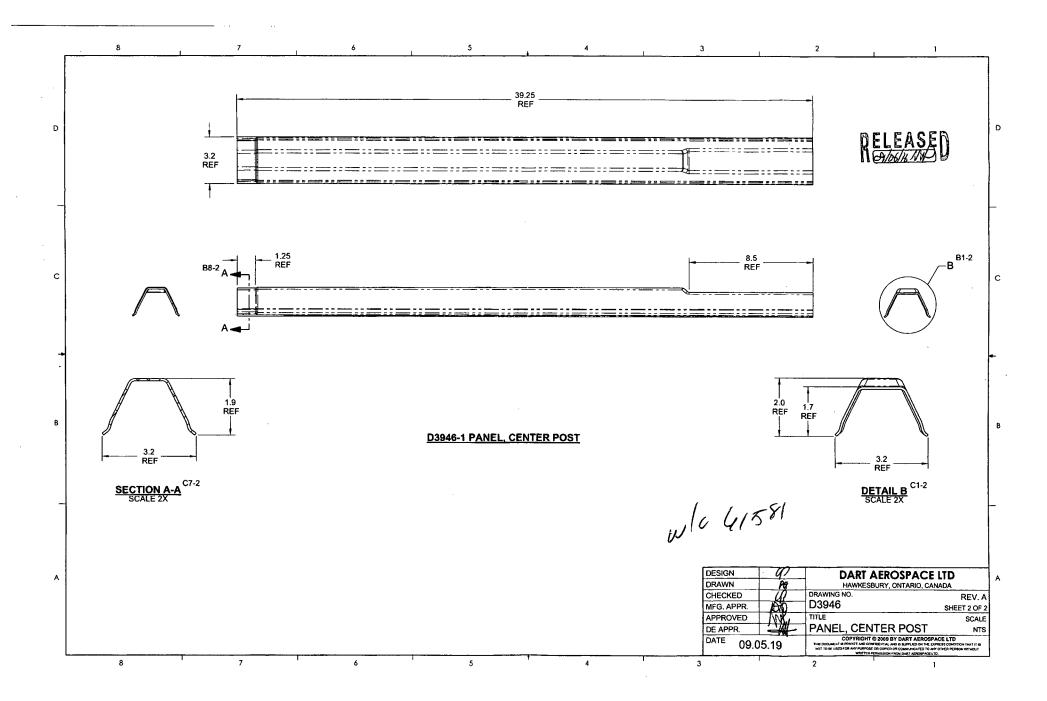
NOTES:
1) MATERIAL: F6006 SUEDE/POLISHED GY5B133 LIGHT GREY LEXAN SHEET 0.093 THICK REF DART SPEC MLEXS.093-F6006-07
2) FINISH: NONE
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3946-1" AND B/N USING VIBRATING STYLUS

TOOLING: THERMOFORM PER MOLD DT9483 PER DART QSI 022. TRIM PER MOLD
 MINIMUM THICKNESS: 0.070" UNLESS OTHERWISE NOTED

A NEW ISSUE 09.05.19 REV. DESCRIPTION DATE DESIGN DART AEROSPACE LTD DRAWN HAWKESBURY, ONTARIO, CANADA DRAWING NO. CHECKED REV. A D3946 MFG. APPR. SHEET 1 OF 2 TITLE APPROVED SCALE PANEL, CENTER POST DE APPR. NTS COPYRIGHT © 2009 BY DART AEROSPACE LTD DATE 09.05.19

W/O:			WORK ORDER (CHANGES				
DATE	STEP	PR	OCEDURE CHANGE	Ву	Date	Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
Part No		PAR #:	Fault Category:	NCR: Yes	No DQ	A :	Date:	

NCR:			WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NO		Verification	Approval	A					
DATE	STEP	Description of NC Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspector			
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Dart Ae	rospace Ltd							
W/O:			WORK ORDER (CHANGES		· · · · · · · · · · · · · · · · · · ·	,	
DATE	STEP	PR	OCEDURE CHANGE	Ву	Yes No DQA:	Approval Chief Eng / Prod Mgr	Approval QC Inspector	
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				,				
				1				
Part No		PAR #:	Fault Category:	NCR: Y	es No DC	A:	Date:	
	Resolutio	n:	Disposition:	QA: N/0	Closed:		Date: _	
NCR:		.,	WORK ORDER NON-CON	FORMANCE (N	CR)			

NCR:			WORK ORDER NON-CONFORMANCE (NCR)								
		Description of NC		Corrective Action Section B	Verification	Approval	Ammraval				
DATE	STEP	Section A	Initial Chief Eng	Action Description Chief Eng	Sign & Date	Section C	Chief Eng	Approval QC Inspector			
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